

EC centrifugal blowers

dual inlet, Ø 404 (15")

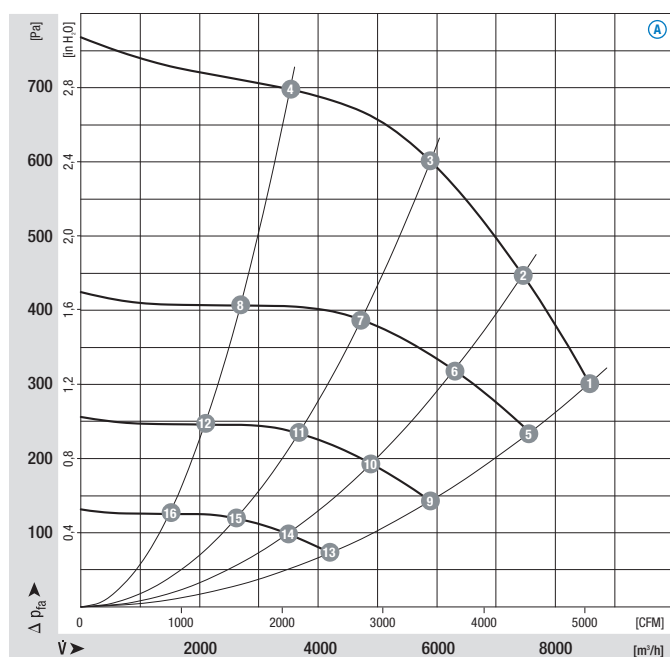


- **Material:** Housing: Galvanised sheet steel
Impeller: Galvanised sheet steel
Rotor: Coated in black
Electronics enclosure: Die-cast aluminium
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 54
- **Insulation class:** "F"
- **Mounting position:** Shaft horizontal
- **Condensate discharges:** Rotor-side
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Curve	Nominal voltage	Frequency	Speed/rpm	Max. power input ⁽¹⁾	Max. current draw ⁽¹⁾	Min. back pressure	Perm. amb. temp.	Electr. connection
Type	Motor		VAC	Hz	rpm	W	A	Pa	°C	p. 45
D3G 404	M3G 150-NA	Ⓐ	3~ 400	50/60	1000	3000	4,80	300	-25..+40	M1)

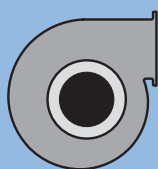
subject to alterations (1) Nominal data in operating point with maximum load

Curves



	n [rpm]	P ₁ [W]	I [A]	L _{wA} [dB(A)]
Ⓐ 1	1000	3000	4,80	91
Ⓐ 2	1065	2647	4,00	89
Ⓐ 3	1120	2116	3,21	86
Ⓐ 4	1180	1341	2,06	83
Ⓐ 5	900	2108	3,18	88
Ⓐ 6	900	1603	2,42	85
Ⓐ 7	900	1095	1,66	81
Ⓐ 8	900	596	0,92	77
Ⓐ 9	700	992	1,50	81
Ⓐ 10	700	754	1,14	77
Ⓐ 11	700	515	0,78	74
Ⓐ 12	700	281	0,43	71
Ⓐ 13	500	361	0,55	72
Ⓐ 14	500	275	0,42	69
Ⓐ 15	500	188	0,29	65
Ⓐ 16	500	102	0,16	61

- **Technical features:**
 - PFC (passive)
 - Control input 0-10 VDC / PWM
 - Output 10 VDC max. 10 mA
 - Alarm relay
- **EMC:** Interference emission acc. to EN 61000-6-3
Interference immunity acc. to EN 61000-6-2
Harmonics acc. to EN 61000-3-2/3
- **Leakage current:** < 3.5 mA acc. to EN 61800-5-1
- **Cable exit:** Variable
- **Protection class:** I
- **Product conforming to standards:** CE
- **Approvals:** VDE, UL, CSA; CCC, GOST is applied for
 - Line undervoltage / phase failure detection
 - Motor current limitation
 - Over-temperature protected electronics / motor
 - Locked-rotor protection
 - Soft start



Mass of
centrifugal blower

Centrifugal blower
with flange

kg

D3G 404-AA02 -03

52,9

